

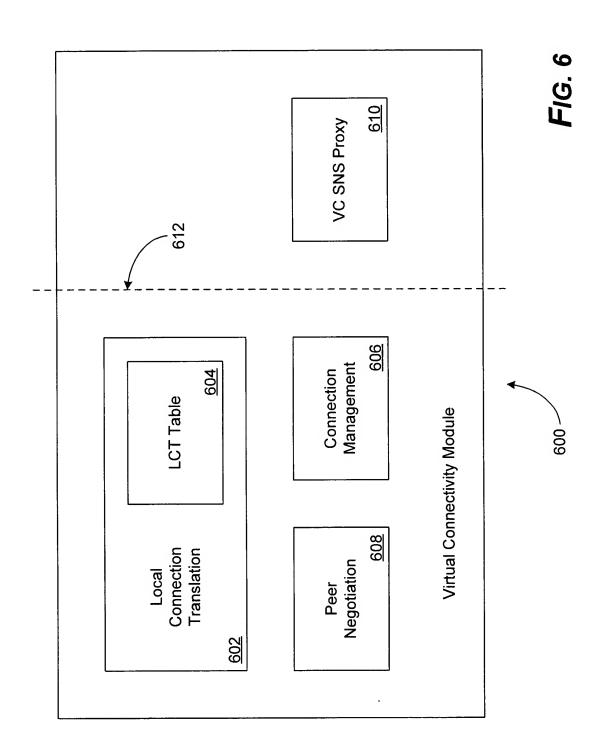
The state of the s	
Application Layer	<u>308</u>
Upper Networking Layer(s)	
	<u>306</u>
Virtual Connectivity Layer	<u>302</u>
Lower Networking Layer(s)	304
	504

FIG. 3

Application	<u>412</u>	Application 412
Socket API	<u>410</u>	Socket API
TCP	<u>408</u>	TCP/IP
Virtual Connectivity	<u>414</u>	502
IP .	<u>406</u>	Virtual Connectivity
Device Driver	<u>402</u>	Device Driver
Networking Hardware	<u>404</u>	Networking Hardware

FIG. 4

FIG. 5



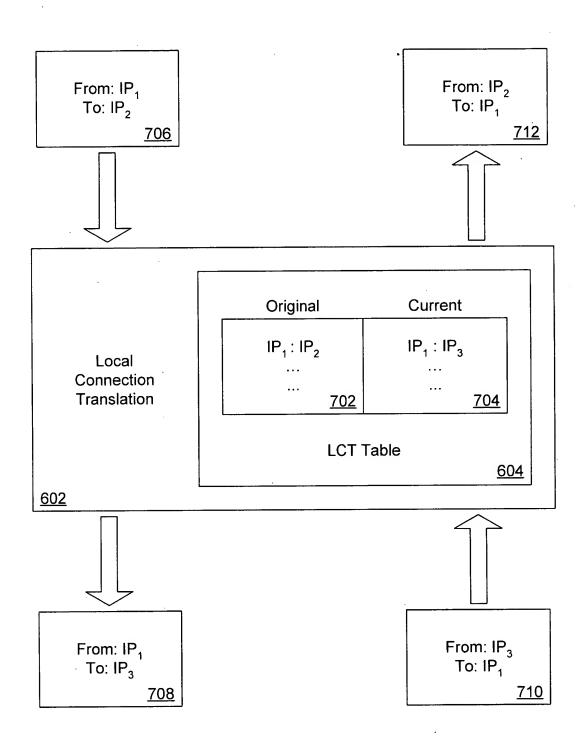


FIG. 7

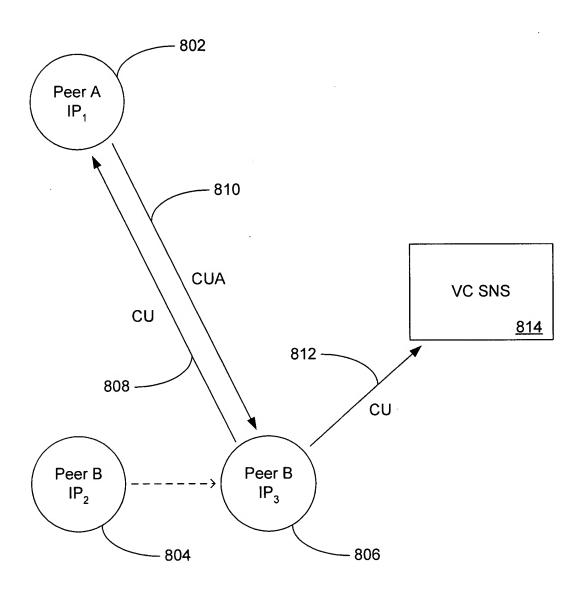


FIG. 8

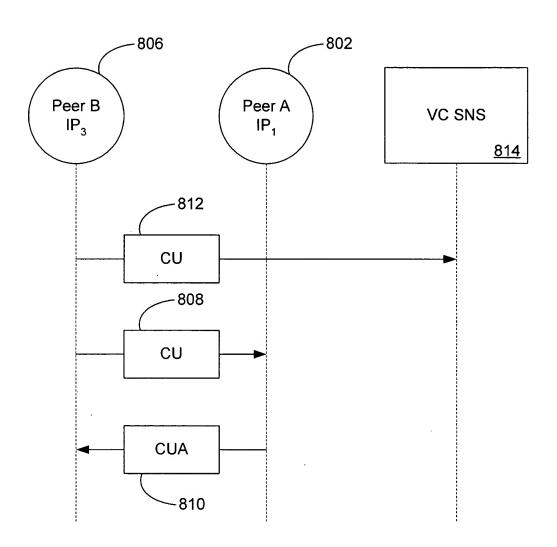
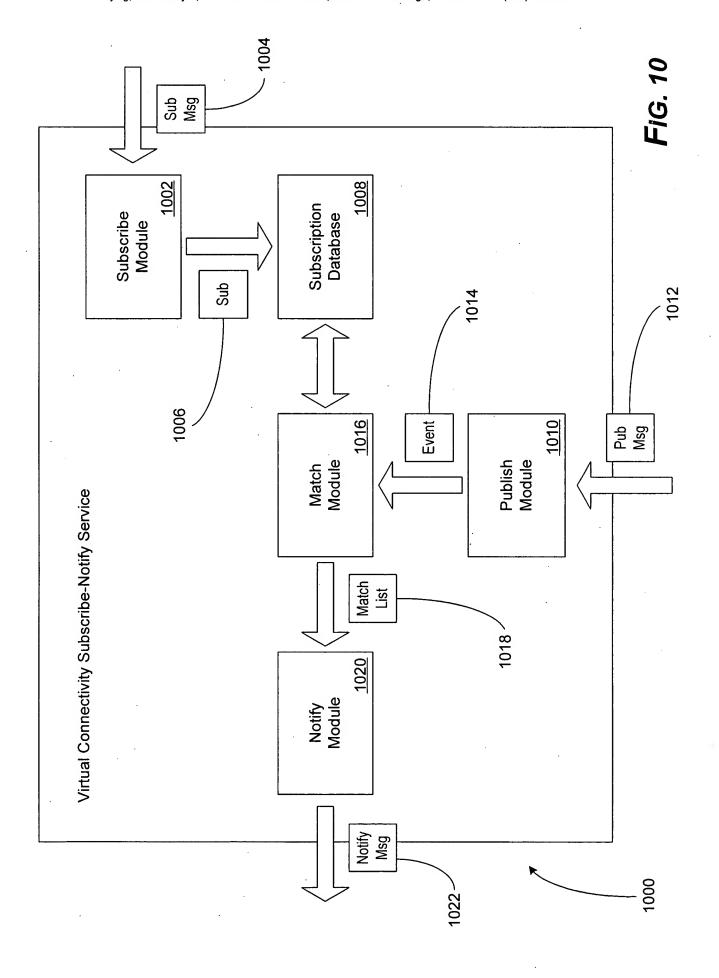


FIG. 9



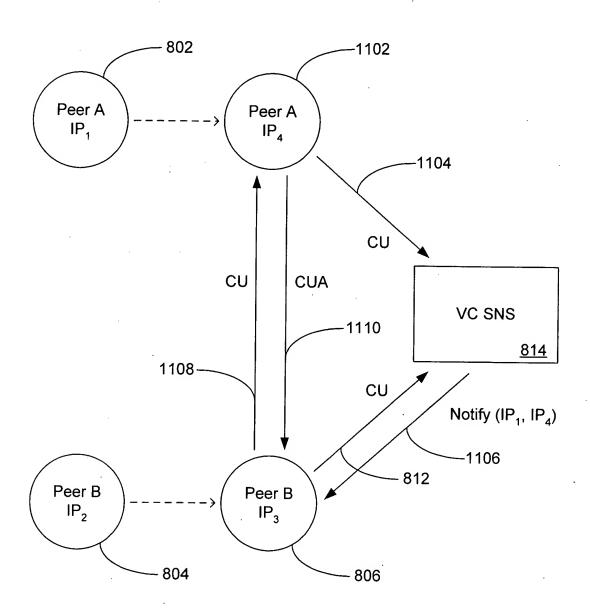


FIG. 11

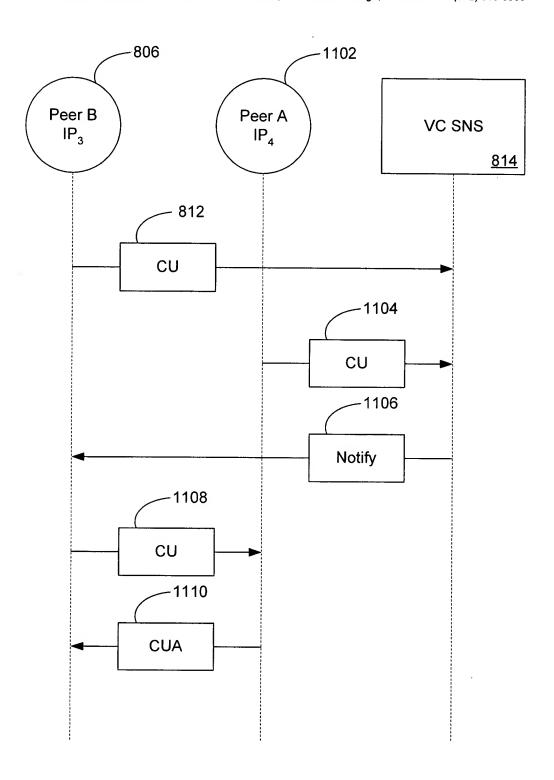


FIG. 12

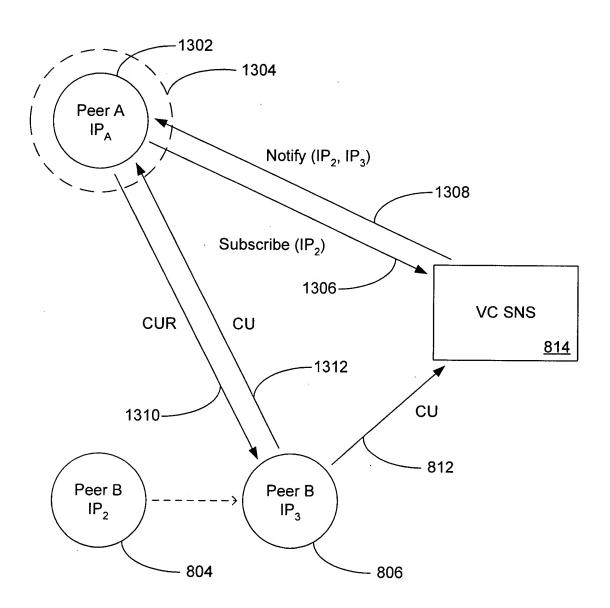


FIG. 13

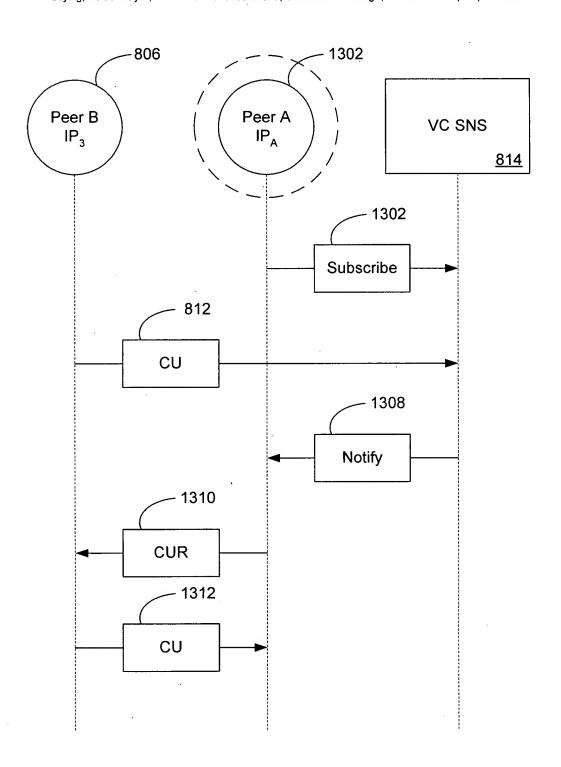


FIG. 14

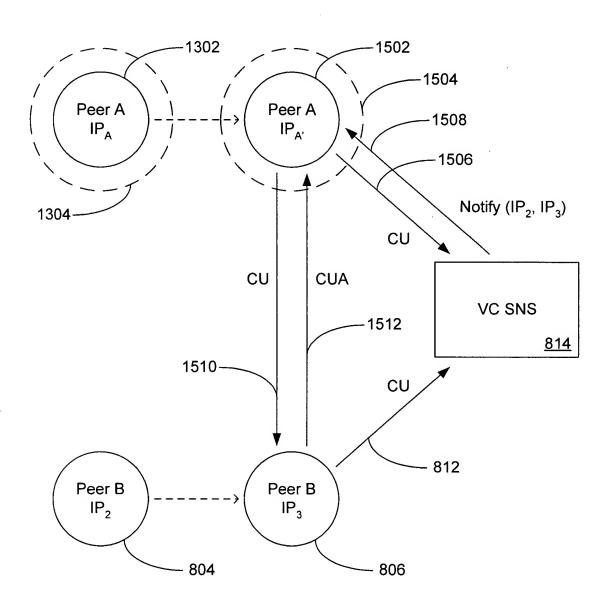


FIG. 15

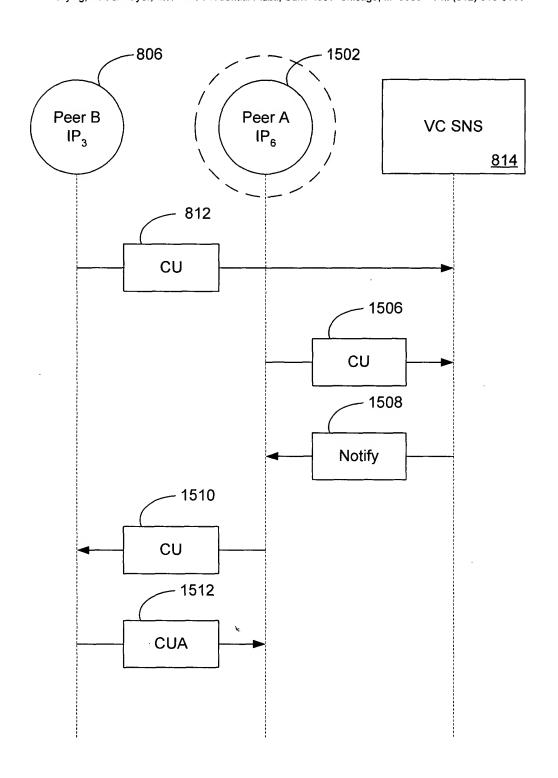
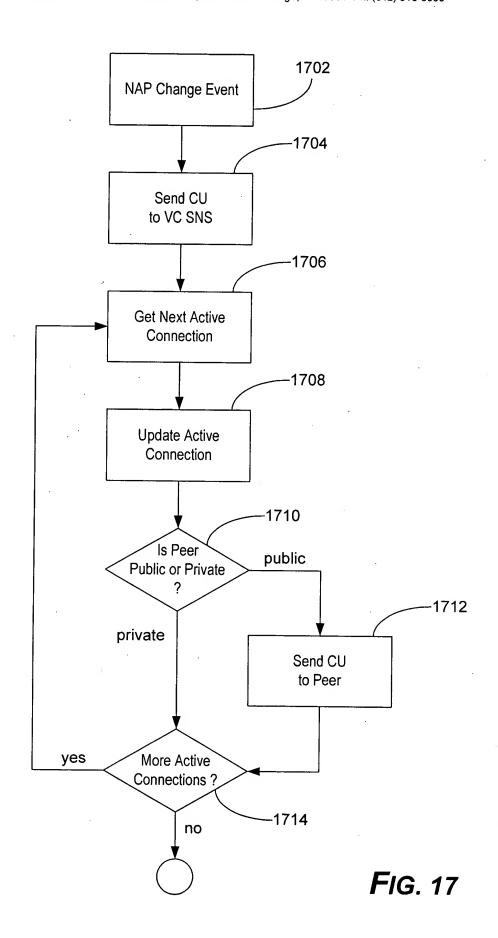


FIG. 16



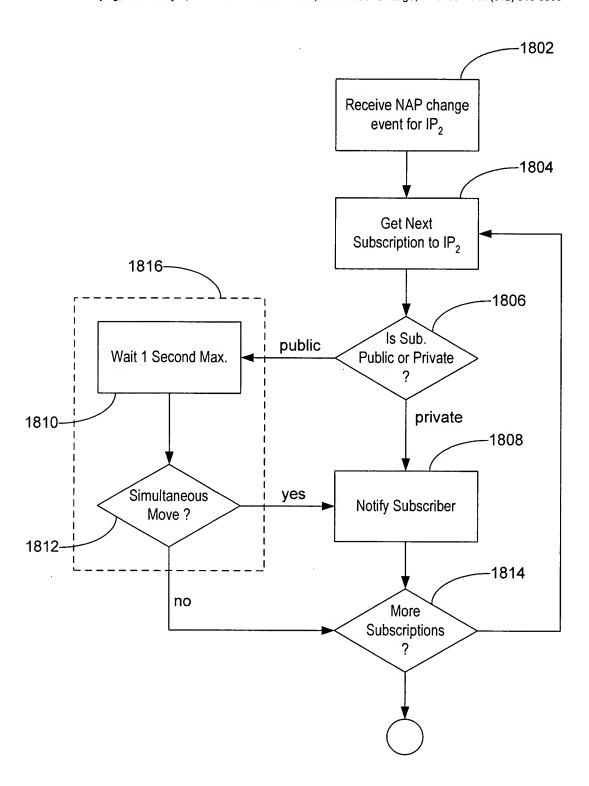


FIG. 18

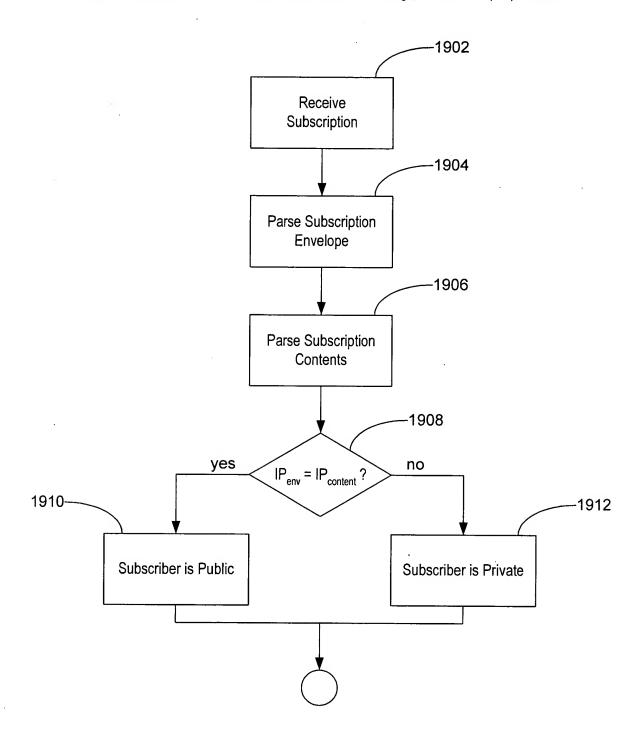


FIG. 19

VIRTUAL CONNECTIVITY WITH LOCAL CONNECTION TRANSLATION Guo et al. Atty Docket No. 221782 Filed: July 14, 2003 Express Mail No. EU776531643US Leydig, Voit & Mayer, Ltd. Two Prudential Plaza, Suite 4900 Chicago, IL 60601 Ph. (312) 616-5600

IP Header	UDP Header	UDP Body	VC Options
2008	<u>2004</u>	<u>2006</u>	<u>2002</u>

FIG. 20

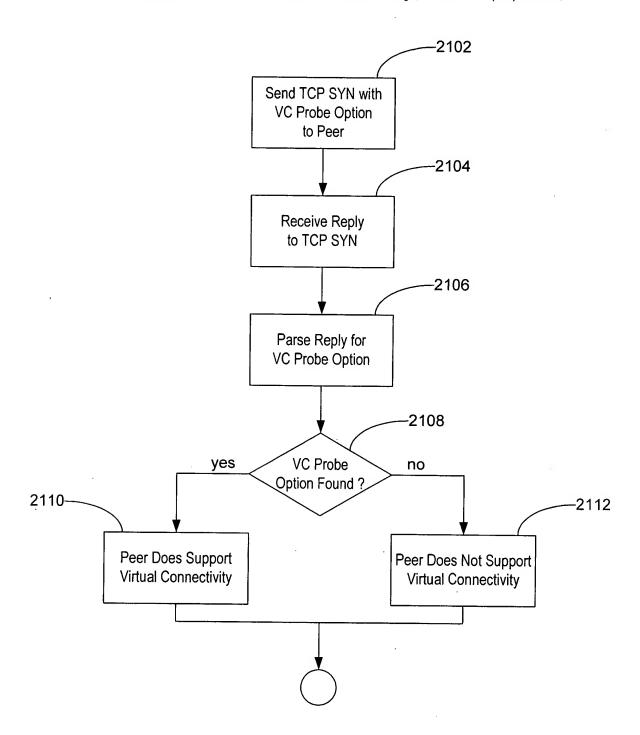


FIG. 21